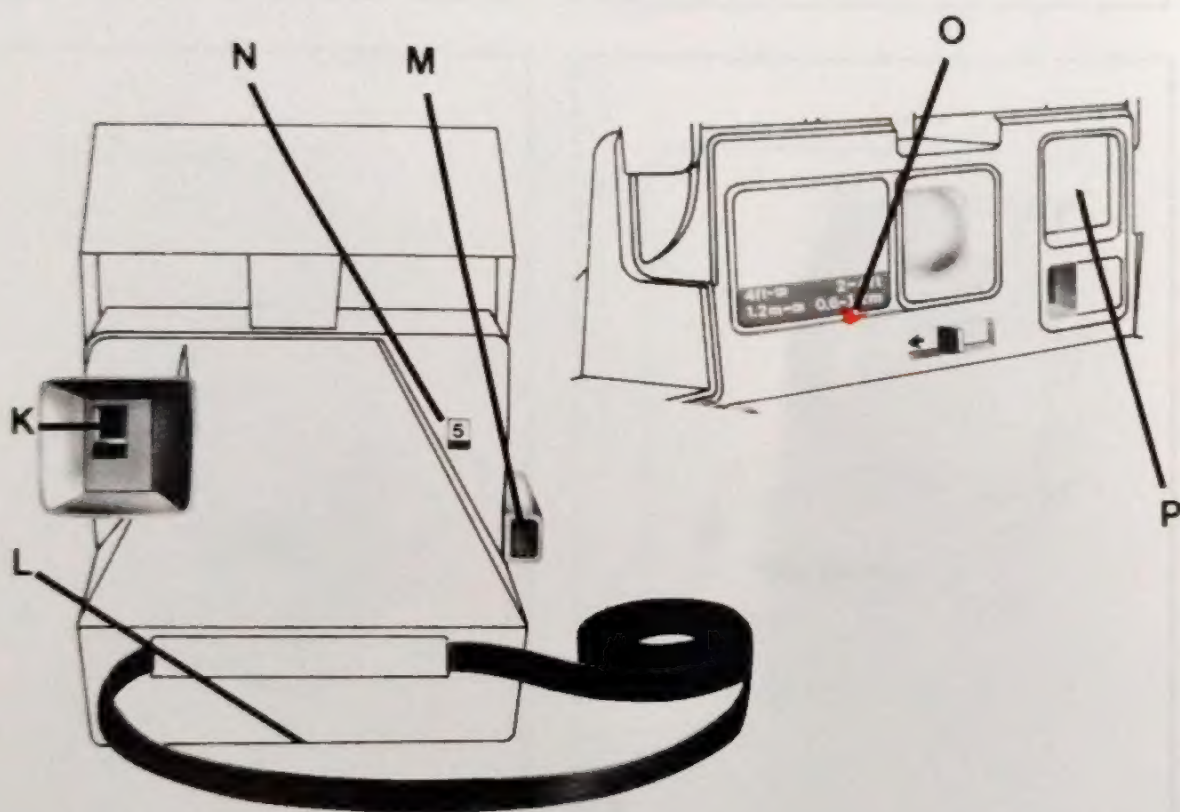
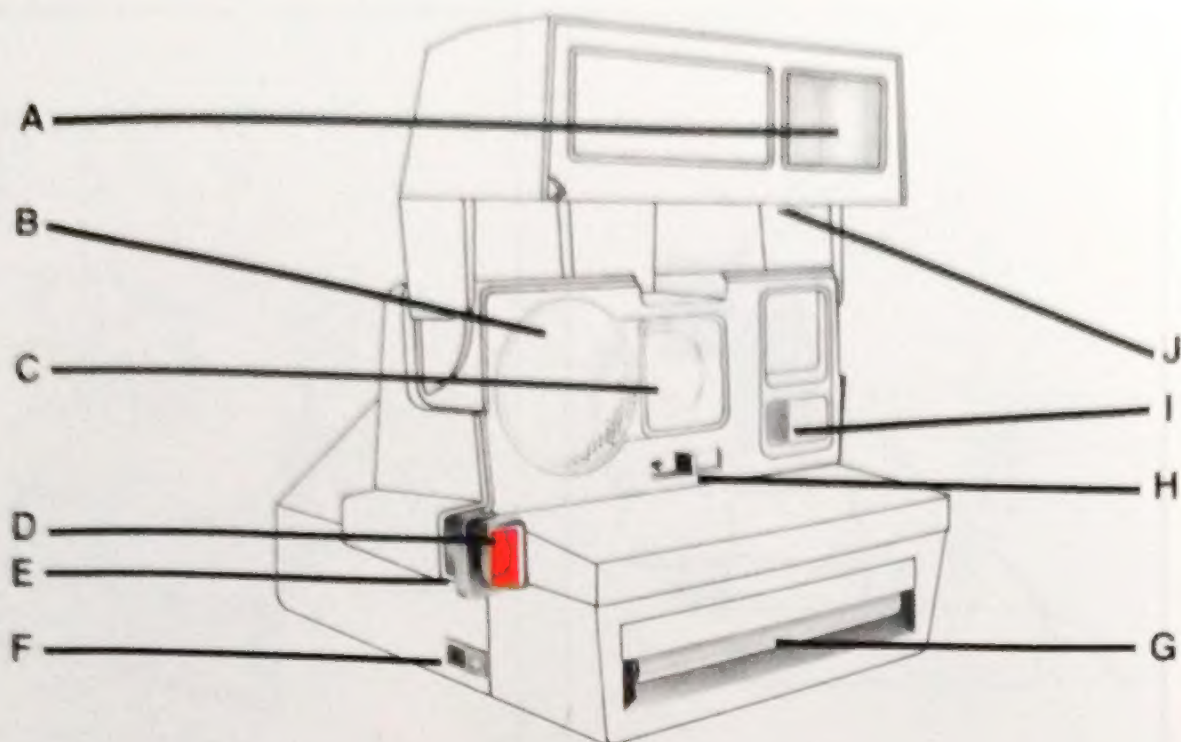
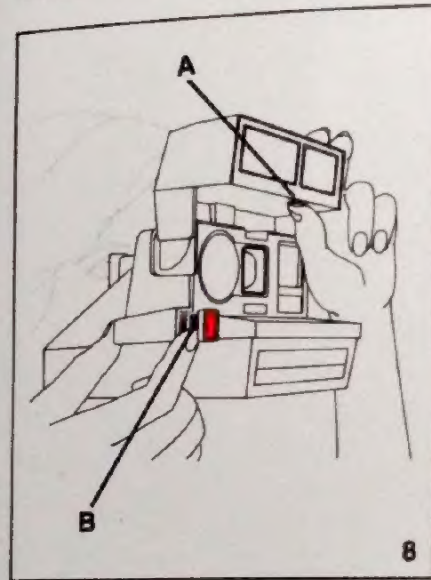
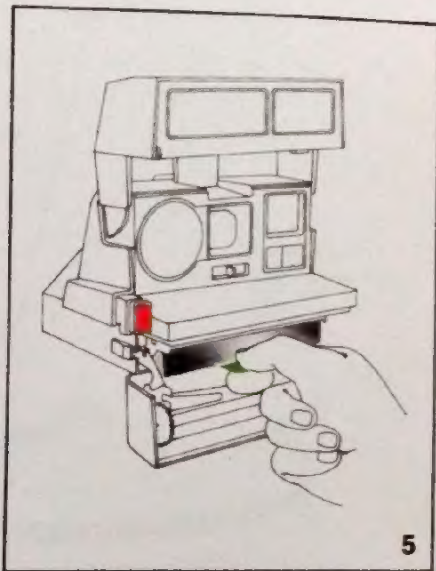
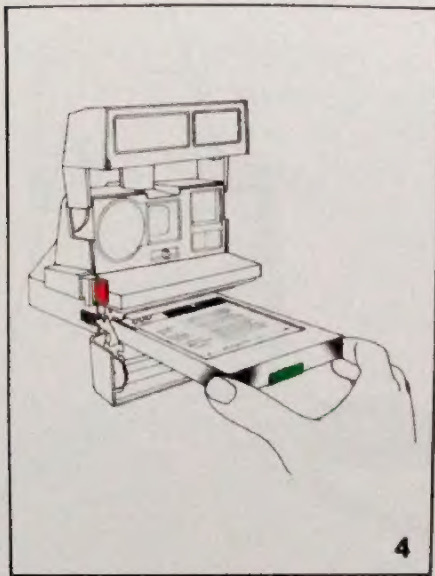
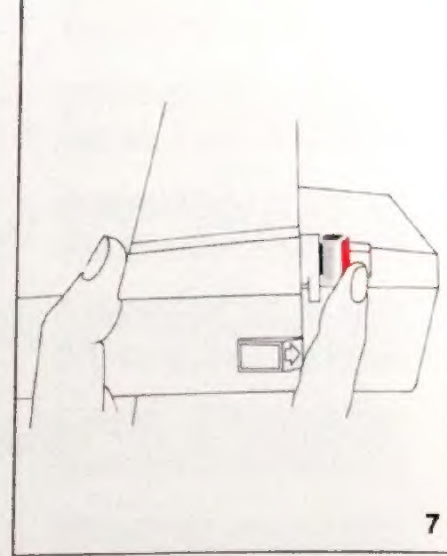
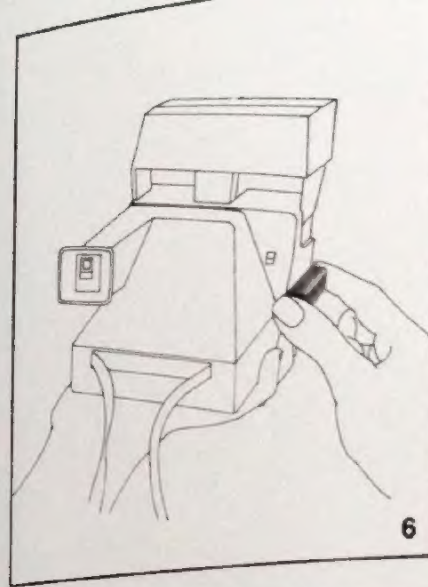
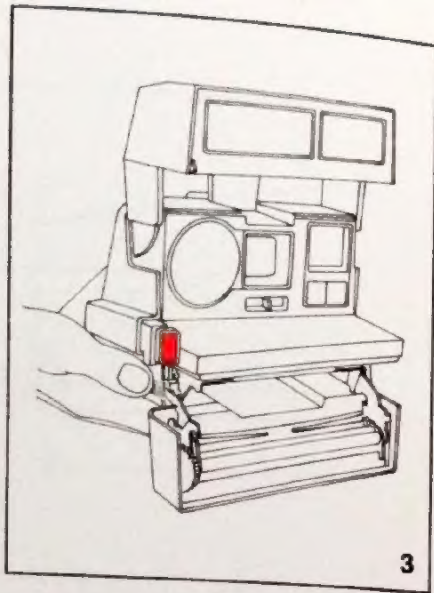
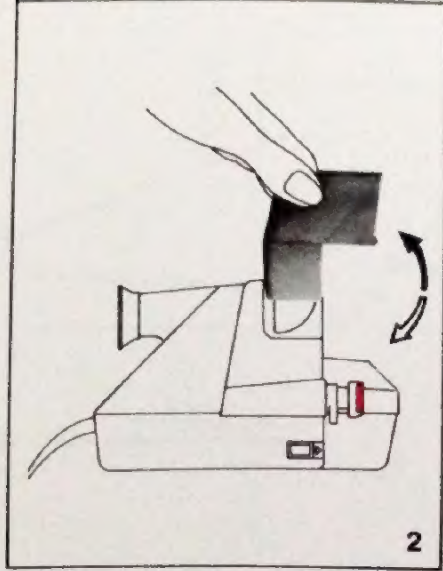


# Polaroid











# IMPORTANT SAFEGUARDS

AS WITH ANY BATTERY-OPERATED EQUIPMENT, OBSERVE THESE BASIC SAFETY PRECAUTIONS:

1. FOLLOW ALL OF THESE INSTRUCTIONS.
2. DO NOT USE THE FLASH UNIT IF IT HAS BEEN DROPPED OR DAMAGED, UNTIL IT HAS BEEN EXAMINED AT AN AUTHORIZED POLAROID SERVICE CENTER.
3. TO AVOID ELECTRICAL SHOCK HAZARDS, DO NOT DISASSEMBLE THE FLASH UNIT. SERVICE OR REPAIR WORK MUST BE DONE ONLY BY AN AUTHORIZED POLAROID SERVICE CENTER. INCORRECT REASSEMBLY CAN CAUSE AN ELECTRICAL SHOCK WHEN THE FLASH UNIT IS USED AGAIN. DO NOT IMMERSE THE FLASH UNIT IN WATER OR OTHER FLUIDS.

## PLEASE KEEP THESE INSTRUCTIONS



## SEE THE WORLD IN A NEW LIGHT

Polaroid has designed a unique photographic system. Using a tiny electronic computer, the system — a camera with a built-in flash and Polaroid 600 Land film — measures light from the subject and blends it with the right amount of flash for beautiful pictures, indoors and outdoors. In strong sunlight, the flash adds just enough light to soften harsh shadows.

The camera's built-in electronic flash unit lifts up for picture-taking, folds down for carrying ease. The flash is designed to be used for **every** picture — outdoors and indoors.

In addition, the Model 660 AutoFocus camera has an automatic focusing system which consists of a fixed front lens and an internal rotating disk with four lenses. Using sound waves to measure the distance between the camera lens and your subject, the computer selects the correct lens that will put your subject in sharp focus.

The Model 650 has a built-in close-up lens which allows you to take pictures from as close as 60cm (2 ft.).

**Throughout the text you will find a series of numbers. Each of these refers to a picture on the fold-out pages.**



## CAMERA PARTS: PICTURE 1

- |  |  |
|--|--|
| A. Electronic flash  | H. Lighten/darken control                    |
| B. Transducer (Model 660 only; sends soundwaves and receives the echo) | I. Photocell                                 |
| C. Lens  | J. Autofocus by-pass button (Model 660 only) |
| D. Shutter button (charges the flash AND takes the picture)            | K. Viewfinder                                |
| E. Non-flash button  | L. Tripod socket                             |
| F. Film door latch   | M. Thumb rest                                |
| G. Picture exit slot   | N. Picture counter                           |
|  | O. Close-up lever (Model 650 only)           |
|  | P. Oval frame (Model 650 only)               |

## TO RAISE AND LOWER THE FLASH UNIT: PICTURE 2

When you are not using the camera, lower unit to protect lens and to lock shutter button.

## TO LOAD AND REMOVE FILM: PICTURES 3, 4 AND 5

**Use Polaroid 600 color film only. Other Polaroid films will not fit into or work with this camera.** The high-energy battery built into every film pack powers both the camera and the electronic flash.

## TO HOLD THE CAMERA: PICTURE 6

### TO TAKE THE PICTURE

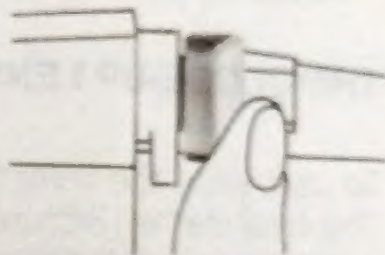
- Use flash for every picture, indoors and outdoors.
- **Stand at least 60cm (2 ft.) from your subject when using Model 660, 1.2m (4 ft.) with Model 650 and Model 640.**



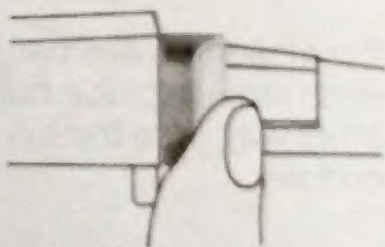
- Indoors and at night outdoors, the flash range is: 60cm – 4.25m (2 – 14 ft.) for Model 660 and 1.2 – 3m (4 – 10 ft.) for Model 650 and Model 640.
- Model 660: Be sure the soundwaves have a clear path to your subject.

Look through the viewfinder and frame your picture.

**1. To charge the flash:** Press the shutter button (Picture 7) **halfway**. A red light in the viewfinder means the flash is charging. **In about 5 seconds** the flash is charged and the red light goes off. You can then take a picture, or you can release the button and the flash will remain charged for several minutes.



**2. To take the picture:** Once the flash is charged, press the shutter button **all the way**. If the red light in the viewfinder goes on briefly, just continue to take the picture.



**Charge the flash in advance to take a spontaneous picture.**

Hold the developing picture by its wide border. While it is developing, keep it out of direct sunlight and inside a warm pocket when temperature is below 13°C (55°F). Also, when the temperature is below 13°C (55°F), keep the camera and film warm.

**Caution:** Avoid contact with caustic paste inside film. In case of contact, wash off immediately. Do not cut, burn, take apart battery, or allow metal to touch terminals.



## THE AUTOFOCUS BY-PASS AND NON-FLASH BUTTONS

- **Model 660:** To photograph a **daylight** scene (more than 3m/12 ft. away) through glass: Press and **hold in** the autofocus by-pass button (Picture 8,A), then press the non-flash button (Picture 8,B) to take your picture.
- **Model 650 and Model 640:** To avoid a flash reflection when photographing through glass in daylight: Press the non-flash button (Picture 8,B) to take your picture.

## THE CLOSE-UP LENS (MODEL 650 ONLY)

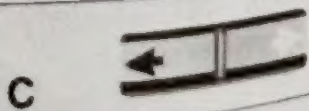
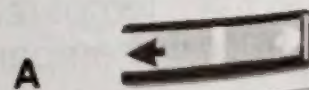
To use, slide the lever (Picture 1,O) to the 0.6 – 1.2m (2 – 4 ft.) setting. The oval frame (Picture 1,P) which is now visible in the viewfinder serves as a reminder that the close-up lens is in place. When your subject's head fills the frame (Picture 9) you are at the correct distance for a close-up.

For close-ups of small children, objects, or more than one person, keep the oval frame in place but measure the 0.6 – 1.2m (2 – 4 ft.) distance some other way. Use the full viewfinder area — not the oval frame — to frame the picture.

When you have finished using the close-up lens, return the lever to the 1.2m –  $\infty$  (4 ft. –  $\infty$ ) setting. Lowering the flash unit will also slide the lever back automatically.

## THE LIGHTEN/DARKEN CONTROL

Use it to lighten (A) or to darken (B) a second picture of the same subject.



**When you have finished re-taking your pictures, return the control to the center (C).** Should you forget, a double white arrow will appear inside the bottom of the viewfinder to serve as a reminder.



## **KEEP DEVELOPER ROLLERS CLEAN**

Dirt on the rollers inside the film door can cause repeated spots, bar patterns and other faults on your pictures. Clean rollers with a damp lint-free cloth.

## **IF THE CAMERA DOES NOT OPERATE**

- Check the picture counter. When the film pack is empty, the flash will charge but the shutter will not operate.
- Look through the viewfinder. If the red light is on, the flash is still charging and the shutter will not operate.

## **POLAROID SERVICE CENTERS AND OFFICES**

If you need information or help, or if your camera needs repair, please see your dealer or contact the nearest Polaroid office.

### **THREE-YEAR WARRANTY**

If this camera proves defective within three years of the original purchase date, we will repair it or, at our option, replace it free of charge with a camera of the same or equivalent model. We will make no charges for labor, service or parts. This warranty does not cover damage caused by accident, misuse or tampering with the camera. Repairs to correct such damage will be made at a reasonable charge.

To take advantage of this warranty, the camera must be returned to, and repaired by, one of the Polaroid Service Centers. The above warranty and provisions do not affect your statutory rights.